

Abstract

[0033] Compositions for immersion liquid materials and

associated immersion lithography systems and techniques.

Examples of polymer or oligomer-based immersion liquids are

5 described to exhibit superior material properties for immersion

lithography in comparison with water and some other commonly-

used immersion liquids. In addition, certain material additives

may be added to water and water-based immersion liquids to

improve the performance of the immersion liquids in immersion

10 lithography.

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